

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006338**Date Inspected:** 18-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Japan Steel Works**Location:** Muroran, Japan**CWI Name:** Chung Fu Kuan**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower, Jacking and Deviation Saddles**Summary of Items Observed:**

On this date, 4/18/09, Caltrans OSM Quality Assurance Inspector (QAI) Mike Brcic was present during the times noted above for observations relative to the work being performed on cast sections in either the Fabrication shop #4 or Foundry Shop at Japan Steel Works.

W2E3 - Idle.

W2W1 - Cast section has been delivered to Fab Shop #4. One man still actively grinding the radii/bevel of plate at stem location.

W2W2 - Foundry idle. Built up section is having roots welded and MT tested. Welders 91-2247 is welding joint W2Y-15 using 4mm 9018M rod (SMAW) in compliance with SJ 3011-2 and contract requirements, CWI was witnessed checking parameters.

W2W3 - Blasting complete, awaiting final (Foundry) NDT.

T1-2 - Idle.

E2E1 - Idle.

E2W1 - Grid lines for Ultrasonic Testing (UT) drawn. Idle.

Unless otherwise noted, all observations reported on this date appeared to be in general compliance with applicable contract documents.

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## WELDING INSPECTION REPORT

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### Summary of Conversations:

No significant conversations to report on this day.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, 1(510)385-5910, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Brcic,Michael	Quality Assurance Inspector
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<b>Reviewed By:</b>	Lanz,Joe	QA Reviewer
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